

NATIONAL ENGINEERING COLLEGE, K.R.NAGAR, KOVILPATTI
(An Autonomous Institution – Affiliated to Anna University Chennai)



THE MINUTES OF THE 19th ACADEMIC COUNCIL

MINUTES OF THE 19th ACADEMIC COUNCIL MEETING HELD ON 15.07.2023
AT 10.30 A.M. IN THE CONFERENCE HALL OF ADMINISTRATIVE BLOCK, NATIONAL
ENGINEERING COLLEGE, KOVILPATTI UNDER THE CHAIRMANSHIP OF
Dr.K.KALIDASA MURUGAVEL, PRINCIPAL

The following are the academic council members:

Dr.K.Kalidasa Murugavel	Principal, National Engineering College
Academic Experts	
Dr.P.Alagu Sundaramoorthy	Professor / Dept. of Civil Engineering, IITM, Chennai
Dr.V.Sankaranarayanan	Professor / Department of EEE, NIT, Trichy
Dr.R.Saravanan	Professor, Department of Mechanical Engineering, Anna University, Chennai
Dr.S.Swamynathan	Professor, Dept. of Information Science and Technology, Anna University, Chennai
Dr.K.Gunasekaran	Professor / Dept. of Civil Engineering, Anna University, Chennai
University Nominees	
Dr. M.Vijayaraj	Professor & Head, Department of ECE, Government College of Engineering, Tirunelveli
Dr. K.Linga Durai	Professor & Dean, Department of Mechanical Engineering, Anna University Regional Campus, Madurai
Dr.G.Kumaraguruparan	Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai
Industrial Experts	
Dr.V.Veerappan	Cofounder & President, Tessolve Semiconductor Limited, Bangalore

Mr.N.Lakshmi Narasimhan	General Manager – HR, Brakes India Private Limited, Chennai
Mr.Ramanathan Arunachalam	Director – Products with Magellan X, Feather lite work space, 200 Ft. Radial Road, Pallavaram, Chennai
Mr. Senthil Ramalingam	Senior Director - Enterprise Engineering & Digital Experience at CTS, Coimbatore
Mr.Srikanth S Valuthur	CXO Level Professional / Top Management Executive, Hybrid Cloud Services, IBM Consulting, APAC, Chennai
Mr.N.Raja Subramanian	Senior Architect, Mistral Solutions Pvt Ltd, Kovilpatti
Dr.V.Govindaraj	Head, R&D, L&T Headquarters, Manappakkam, Chennai
Mr. Karthik Muthukrishnan	Manager, Product Design Engineering, Western Digital (Sandisk), Bengaluru
Alumni Experts	
Mr.Ponnusundar Murugiah	Associate Director, AT&T, Hyderabad
Mr. Ghouse Mohaideen Babu	Data Governance Lead, Philips India
Mr.Shahul Hameed	General Manager, Robert Bosch Engineering and Business Solutions Private Limited, Coimbatore
Special Invitees	
Dr.S.Shanmugavel	Director, National Engineering College
Dr.D.Manimegalai	Controller of Examinations, National Engineering College
Internal Members	
Dr.M.A.Neelakantan	Sr. Dean (IFA) & Head / S & H
Dr.A.Shenbagavalli	Prof. / ECE & Dean (Academic)
Dr.K.Manisekar	Prof. / Mechanical & Dean (I & E)
Dr.B.Paramasivan	Prof. / IT & Dean (SA & IR)
Dr.S.Iyahraja	Prof. & Head / Mechanical
Dr.S.Tamil Selvi	Prof. & Head / ECE
Dr.V.Gomathi	Prof. & Head / CSE
Dr.M.Willjuice Iruthayarajan	Prof. & Head / EEE
Dr.K.G.Srinivasagan	Prof. & Head / IT and Dean (TCP)
Dr.C.Puthiyasekar	Prof. & Head / Civil
Dr.V.Kalaivani	Prof. & Head / AI & DS
Dr.S.Rammurthy	Prof. / Mathematics
Dr.K.Mohaideen Pitchai	Prof. / CSE
Dr.F.Michael Thomas Rex	Asso. Prof. / Mechanical
Dr.V.Kannan	Asso. Prof. / Civil

Student Members	
Mr.R.T.Ezhil Azhagan	Final year Mechanical
Ms.J.Chobia Lakshmi	Third year ECE
Mr.Prasanna kumar	Third year CSE
Ms.P.Apsaravahini	Final year EEE
Mr.M.Sundarraaj	Final year IT
Mr.R.Heman	Final year Civil
Mr. Umesh Ramanathan	First year AI & DS

The *Academic expert members* **Dr.P.Alagu Sundaramoorthy**, Professor / Dept. of Civil Engineering, IITM, Chennai, **Dr.S.Swamynathan**, Professor, Dept. of Information Science and Technology, Anna University, Chennai, *University Nominee member* **Dr.M.Vijayaraj**, Professor & Head, Department of ECE, Government College of Engineering, Tirunelveli, *Industrial expert members* **Dr.V.Veerappan**, Cofounder & President, Tessolve Semiconductor Limited, Bangalore, **Mr.Senthil Ramalingam**, Senior Director - Enterprise Engineering & Digital Experience at CTS, Coimbatore, **Mr.Srikanth S Valuthur**, CXO Level Professional / Top Management Executive, Hybrid Cloud Services, IBM Consulting, Chennai, Alumni Experts **Mr.Ghouse Mohaideen Babu**, Data Governance Lead, Philips India, **Mr.Shahul Hameed**, General Manager, Robert Bosch Engineering and Business Solutions Private Limited, Coimbatore and Internal Member **Dr.C.Puthiyasekar**, Professor & Head / Department of Civil Engineering could not attend the meeting due to their prior commitments and unavoidable circumstances.

The meeting began with the Principal's (Academic Council Chairman, National Engineering College) welcome address. He briefly outlined the various agenda items to be presented at the meeting. He concisely described the evolution of curriculum structure since 2011 and pointed out the outcome of Regulation 2019 curriculum in students' career settlement. In a nutshell, he described the process of gap analysis in R-2019 curriculum and the steps taken in designing the R-2023 curriculum structure.

The Chairman Academic Council, requested the Director to deliver the presidential Address.

The Director while addressing the Council, highlighted the significance of autonomy in a higher educational Institution and the importance given in R-2023 curriculum structure for experiential learning.

Following the address by the Director, the Dean (Academic) moved the following agenda items on behalf of the Principal.

The following agenda items are considered and approved by the 19th Academic Council

DA 19.01 TO CONFIRM THE MINUTES OF 18th ACADEMIC COUNCIL MEETING HELD ON 07th JANUARY 2023

The minutes of the **18th Academic Council meeting** held on **07/01/2023** were communicated to the members vide **Email dated 11/01/2023**. The comments received have been incorporated and placed for confirmation. The same was approved by the council.

- **Minutes of 18th Academic Council**
- **Action taken report for minutes of 18th Academic Council**

DA 19.02 TO CONSIDER AND APPROVE THE AMENDMENTS TO CLAUSE 11.4 OF REGULATIONS 2019 FOR UG DEGREE PROGRAMMES OF NATIONAL ENGINEERING COLLEGE

RESOLVED TO APPROVE the amendments to Clause 11.4 of Regulations 2019 for UG degree programmes of National Engineering College

- **AMENDMENTS - UG REGULATIONS 2019**

DA 19.03 TO CONSIDER AND APPROVE THE MINUTES OF 30th STANDING COMMITTEE MEETING HELD ON 06.06.2023 OF NATIONAL ENGINEERING COLLEGE

RESOLVED TO APPROVE the Minutes of 30th Standing Committee Meeting held on 06.06.2023 of National Engineering College

- **Minutes – 30th Standing Committee Meeting**

DA 19.04 TO PRESENT THE HIGHLIGHTS OF R-2023 CURRICULUM STRUCTURE
Chairman, ACM presented the Highlights of R-2023 Curriculum Structure

DA 19.05 TO CONSIDER AND APPROVE THE REGULATION 2023 FOR UG DEGREE PROGRAMMES OF NATIONAL ENGINEERING COLLEGE

RESOLVED TO APPROVE the Regulation 2023 for UG degree programmes of National Engineering College

- **UG REGULATIONS 2023**

DA 19.06 TO CONSIDER AND APPROVE THE REGULATION 2023 FOR PG DEGREE PROGRAMMES OF NATIONAL ENGINEERING COLLEGE

RESOLVED TO APPROVE the Regulation 2023 for PG degree programmes of National Engineering College

➤ **PG REGULATIONS 2023**

BUSINESS BROUGHT FORWARD BY THE BOARD OF STUDIES

AGENDA FROM DEPARTMENT OF MECHANICAL ENGINEERING

Dr.S.Iyahraja, Chairman, Mechanical Engineering moved the following items based on the decision of the Board of Studies in Mechanical Engineering.

ME 19.01 TO CONSIDER AND APPROVE THE CURRICULUM STRUCTURE FOR UG AND PG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the curriculum structure for UG and PG degree programmes to be offered under R-2023

➤ **B.E. Mechanical Engineering – Curriculum Structure**

➤ **M.E. Energy Engineering – Curriculum Structure**

ME 19.02 TO CONSIDER AND APPROVE THE 1st SEMESTER SYLLABUS FOR UG AND PG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the 1st semester syllabus for UG and PG degree programmes to be offered under R-2023

➤ **B.E. Mechanical Engineering – Syllabus**

➤ **M.E. Energy Engineering – Syllabus**

AGENDA FROM DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr.S.Tamil Selvi, Chairman, Electronics and Communication Engineering moved the following items based on the decision of the Board of Studies in Electronics and Communication Engineering

EC 19.01 TO CONSIDER AND APPROVE THE CURRICULUM STRUCTURE FOR UG AND PG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the curriculum structure for UG and PG degree programmes to be offered under R-2023

- **B.E. Electronics and Communication Engg. – Curriculum Structure**
- **M.E. Embedded System Technologies – Curriculum Structure**

EC 19.02 TO CONSIDER AND APPROVE THE 1st SEMESTER SYLLABUS FOR UG AND PG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the 1st semester syllabus for UG and PG degree programmes to be offered under R-2023

- **B.E. Electronics and Communication Engg. – Syllabus**
- **M.E. Embedded System Technologies – Syllabus**

EC 19.03 TO CONSIDER AND APPROVE THE ADDITIONAL ELECTIVE COURSE SYLLABUS FOR UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2019

RESOLVED TO APPROVE the additional elective course syllabus for UG degree programmes to be offered under R-2019

- **B.E. Electronics and Communication Engg. - Elective Syllabus**
(19EC72E - Theory and Applications of Blockchain – 4 Credits)

AGENDA FROM DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr. V.Gomathi, Chairman, Computer Science and Engineering moved the following items based on the decision of the Board of Studies in Computer Science and Engineering.

CS 19.01 TO CONSIDER AND APPROVE THE CURRICULUM STRUCTURE FOR UG AND PG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the curriculum structure for UG and PG degree programmes to be offered under R-2023

- **B.E. Computer Science and Engg. – Curriculum Structure**
- **M.E. Computer Science and Engg. – Curriculum Structure**

CS 19.02 TO CONSIDER AND APPROVE THE 1st SEMESTER SYLLABUS FOR UG AND PG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2023
RESOLVED TO APPROVE the 1st semester syllabus for UG and PG degree programmes to be offered under R-2023

- **B.E. Computer Science and Engg. – Syllabus**
- **M.E. Computer Science and Engg. – Syllabus**

CS 19.03 TO CONSIDER AND APPROVE THE ADDITIONAL ELECTIVE COURSE SYLLABUS FOR UG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2019

RESOLVED TO APPROVE the additional elective course syllabus for UG degree programmes to be offered under R-2019

- **B.E. Computer Science and Engg. - Elective Course Syllabus**
(19CS51E - Statistical Foundations for Machine Learning - 2 credits)

AGENDA FROM DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.M.Willjuice Iruthayarajan, Chairman, Electrical and Electronics Engineering moved the following items based on the decision of the Board of Studies in Electrical and Electronics Engineering

EE 19.01 TO CONSIDER AND APPROVE THE CURRICULUM STRUCTURE FOR UG AND PG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the curriculum structure for UG and PG degree programmes to be offered under R-2023

- **B.E. Electrical and Electronics Engg. – Curriculum Structure**
- **M.E.High Voltage Engineering – Curriculum Structure**

EE 19.02 TO CONSIDER AND APPROVE THE 1st YEAR SYLLABUS FOR UG AND PG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the 1st year syllabus for UG and PG degree programmes to be offered under R-2023

- **B.E. Electrical and Electronics Engg. – Syllabus**
- **M.E. High Voltage Engineering – Syllabus**

AGENDA FROM DEPARTMENT OF INFORMATION TECHNOLOGY

Dr.K.G.Srinivasagan, Chairman, Information Technology moved the following items based on the decision of the Board of Studies in Information Technology.

IT 19.01 TO CONSIDER AND APPROVE THE CURRICULUM STRUCTURE FOR UG AND PG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the curriculum structure for UG and PG degree programmes to be offered under R-2023

- **B.Tech. Information Technology – Curriculum Structure**
- **M.Tech. Information and Cyber Warfare – Curriculum Structure**

IT 19.02 TO CONSIDER AND APPROVE THE 1st SEMESTER SYLLABUS FOR UG AND PG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the 1st semester syllabus for UG and PG degree programmes to be offered under R-2023

- **B.Tech. Information Technology – Syllabus**
- **M.Tech. Information and Cyber Warfare – Syllabus**

AGENDA FROM DEPARTMENT OF CIVIL ENGINEERING

Dr.V.Kannan, Asso. Prof., Civil Engineering moved the following items based on the decision of the Board of Studies in Civil Engineering on behalf of **Dr.C.Puthiya Sekar, Chairman, Civil Engineering.**

CE 19.01 TO CONSIDER AND APPROVE THE CURRICULUM STRUCTURE FOR UG DEGREE PROGRAMME TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the curriculum structure for UG degree programme to be offered under R-2023

- **B.E. Civil Engineering – Curriculum Structure**

CE 19.02 TO CONSIDER AND APPROVE THE 1st SEMESTER SYLLABUS FOR UG DEGREE PROGRAMME TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the 1st semester syllabus for UG degree programme to be offered under R-2023

- **B.E.Civil Engineering – Syllabus**

AGENDA FROM DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Dr.V.Kalaivani, Chairman, AI & DS moved the following items based on the decision of the Board of Studies in Civil Engineering.

AI 19.01 TO CONSIDER AND APPROVE THE CURRICULUM STRUCTURE FOR UG DEGREE PROGRAMME TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the curriculum structure for UG degree programme to be offered under R-2023

- **B.Tech. Artificial Intelligence & Data Science – Curriculum Structure**

AI 19.02 TO CONSIDER AND APPROVE THE 1st SEMESTER SYLLABUS FOR UG DEGREE PROGRAMME TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the 1st semester syllabus for UG degree programme to be offered under R-2023

- **B.Tech. Artificial Intelligence & Data Science - Syllabus**

AI 19.03 TO CONSIDER AND APPROVE THE PROGRAMME CORE COURSES AND ELECTIVE COURSES SYLLABUS FOR UG DEGREE PROGRAMME TO BE OFFERED UNDER R-2019

RESOLVED TO APPROVE the Programme Core Courses and Elective Courses syllabus for UG degree programme to be offered under R-2019

- **B.Tech. Artificial Intelligence & Data Science – Syllabus (R-2019)**

AGENDA FROM DEPARTMENT OF SCIENCE AND HUMANITIES

Dr.M.A.Neelakantan, Chairman, Science and Humanities moved the following items based on the decision of the Board of Studies in Science and Humanities.

SH 19.01 TO CONSIDER AND APPROVE THE FIRST YEAR CURRICULUM AND SYLLABUS FOR UG AND PG DEGREE PROGRAMMES TO BE OFFERED UNDER R-2023

RESOLVED TO APPROVE the First Year Curriculum and Syllabus for UG and PG degree programmes to be offered under R-2023

- **First year Curriculum and Syllabus**

ANY OTHER ITEMS, WITH THE PERMISSION OF THE CHAIRMAN OF THE ACADEMIC COUNCIL

The student members presented in the meeting appreciated the introduction of two aptitude courses in the curriculum under employment enhancement course category. They also pointed out that introducing integrated courses in the curriculum structure may improve the level of learning.


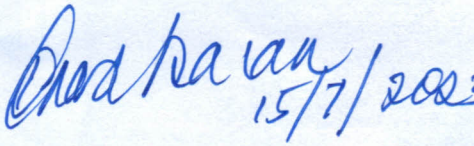
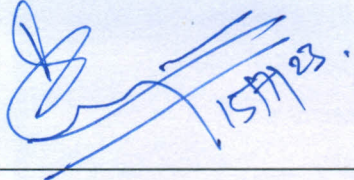
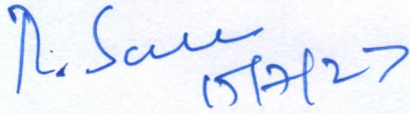
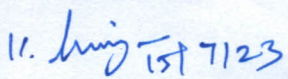
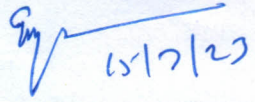
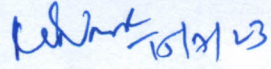
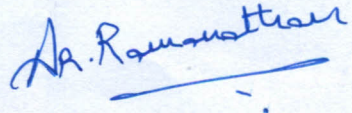
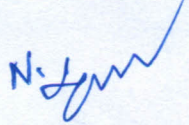
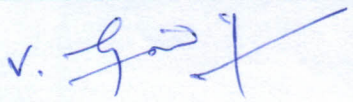
Finally **Dr.K.Mohaideen Pitchai**, Professor / CSE thanked all the members for their fruitful discussion and valuable suggestions and the meeting came to an end.

Points suggested by the Academic Council members

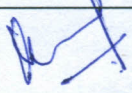

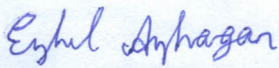
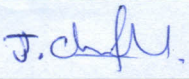
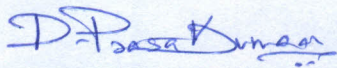
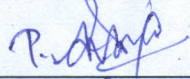

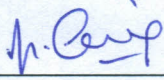

1. 5 or 4.5 credits given to elective courses and core courses in R-2023 curriculum structure may be reconsidered and the credit may be reduced.
2. The total contact hours per week shall be restricted to 30 hours per week.
3. The uniform curriculum structure may be followed in all undergraduate engineering programmes and postgraduate engineering programmes.
4. Other discipline courses may not be considered as core courses for a discipline. It is to be treated as a Open Elective Course or Engineering Science Course.
5. The Course "Electronics for Mechanical Engineering" is listed under Programme Core Course category in B.E. Mechanical Engineering curriculum structure and this may be shifted to Programme Elective Course category or as an (Engineering Science Course).
6. Aptitude Excellence and Aptitude Essentials may be considered as Employability Enhancement Courses.
7. Experiential Learning (E) component in integrated courses may be renamed as Tutorial (or) Practical component based on the significance of the course.
8. Number of lecture hours per week may be increased from 2 to 3 for programme specific courses based on the course contents and the importance of the course.
9. The number of integrated courses per semester in the curriculum structure may be decided based on the necessity and nature of the course.

10. The passing requirement for integrated courses may be clearly defined and it shall be in alignment with Anna University passing requirements.
11. The total credit for Basic Science Courses may be increased.
12. The Open Elective Courses normally indicates the courses for other engineering discipline.
13. The Basic Science Courses cannot be listed under Open Elective Course category (It may be specifically mentioned as Elective - Science Stream and it comes under the Basic Science Course category)
14. The Mathematics course given in all the under graduate degree programmes in Semester-III has 4 credits (3 hours lecture and 2 hours practical per week). The Practical hour (P) can be changed as Experiential Learning (E) hour for the course to enable the students to solve more number of problems as tutorials and for solving the problems, the usage of modern tools may be emphasized.
15. The members appreciated the efforts taken by the college in introducing industry oriented elective courses as an outcome of Industry Institution Interaction. They also pointed out that such courses shall be disseminated to different stakeholders through proper mechanism.
16. The evaluation of internship in the under graduate engineering degree programme has to be completed in the 7th semester itself.
17. The members suggested that the ratio of credits for practical and theory component in R-2023 curriculum structure may be 30% and 70% respectively. The integrated courses have both theory component and practical component. Based on the contact hours for each component the credit for the course may be calculated.
18. Course with 7 contact hours per week may be avoided.
19. The course "English for Research paper writing" may be renamed as "Technical report writing" in postgraduate curriculum of all PG degree programmes.
20. The credit for Project – I & Project – II given in the PG curriculum structure may be uniform for all the PG programmes.

Members Present

Dr.K.Kalidasa Murugavel Academic Council Chairman National Engineering College	 15/7/23
Academic Experts	
Dr. K. Gunasekaran Professor Department of Civil Engineering Anna University, Chennai	 15/7/2023
Dr.V.Sankaranarayanan Professor & Head Department of EEE, National Institute of Technology, Trichy	 15/7/23
Dr.R.Saravanan Professor Department of Mechanical Engineering Anna University, Chennai	 15/7/23
University Nominees	
Dr. K.Linga Durai Professor & Dean, Department of Mechanical Engineering Anna University Regional Campus, Madurai	 15/7/23
Dr.G.Kumaraguruparan Professor, Department of Mechatronics, Thiagarajar College of Engineering, Madurai	 15/7/23
Industrial Experts	
Mr.N.Lakshmi Narasimhan Senior General Manager (Personnel & HR - LVBU), Brakes India Private Limited, Chennai	 15/7/23
Mr.Ramanathan Arunachalam Director – Products with Magellan X Feather lite work space, 200 Ft. Radial Road, Pallavaram, Chennai	 15/7/23
Mr.Raja Subramanian Senior Architect, Mistral Solutions Pvt Ltd, Kovilpatti	 15/7/23
Dr.V.Govindaraj Head, R&D, L&T Headquarters, Manappakkam, Chennai	 15/7/23

Mr. Karthik Muthukrishnan Manager, Product Design Engineering, Western Digital (Sandisk), Bengaluru	M.K. Karthik
Alumni Experts	
Mr.Ponnusundar Murugiah Associate Director, AT&T, Hyderabad	M. Ponnusundar
Special Invitees	
Dr.S.Shanmugavel Director	S. Shanmugavel
Dr. D.Manimegalai Controller of Examinations	D. Manimegalai 15/07/23
Internal Members	
Dr. A.Shénbagavalli Prof. / ECE & Dean (Academic)	A. Shénbagavalli 15/7/2023
Dr.M.A.Neelakantan Sr. Dean (IFA) & Prof. & Head / S & H	M. A. Neelakantan
Dr.K.Manisekar Prof. / Mech & Dean (I&E)	K. Manisekar
Dr.B.Paramasivan Prof. / IT & Dean (SA & IR)	B. Paramasivan 15/7/23
Dr.S.Iyahraja Prof. & Head / Mechanical	S. Iyahraja 15/7/23
Dr.S.Tamil Selvi Prof. & Head / ECE	S. Tamil Selvi 15/7/23
Dr.V.Gomathi Prof. & Head / CSE	V. Gomathi 15/7/23
Dr.M.Willjuice Iruthayarajan Prof. & Head / EEE	M. Willjuice Iruthayarajan 15/07/2023
Dr.K.G.Srinivasagan Dean (TCP) & Prof. & Head / IT	K. G. Srinivasagan 15/7
Dr.C.Puthiyasekar Prof. & Head / Civil	C. Puthiyasekar
Dr.V.Kalaivani Prof. & Head / AI & DS	V. Kalaivani 15/7/23
Dr.S.Rammurthy Prof. / Mathematics	S. Rammurthy
Dr.K.Mohaideen Pitchai Prof. / CSE	K. Mohaideen Pitchai 15/7/23

Dr.F.Michael Thomas Rex Asso. Prof. / Mechanical	
Dr.V.Kannan Asso. Prof. / Civil	
Student Members	
Mr. R.T.Ezhil Azhagan Final year Mechanical	
Ms.J.Chobia Lakshmi Third year ECE	
Mr.D.Prasanna kumaar Third year CSE	
Ms.P. Apsaravahini Final year EEE	
Mr. M.Sundarraaj Final year IT	
Mr. R.Heman Final year Civil	
Mr. Umesh Ramanathan First year AI & DS	


CHAIRMAN
ACADEMIC COUNCIL

National ENGINEERING COLLEGE, K.R.NAGAR, KOVILPATTI

(An Autonomous Institution – Affiliated to Anna University Chennai)

Actions Taken Report on Minutes of 18th Academic Council Meeting

S. No.	Action Initiated	Action Taken
1.	The amendments in Clause 4.5, 4.8, 4.11, 6.10.2, 11.2, 12.5.5 and 15.0 of Regulations 2019 for UG degree programmes	Implemented
2.	The amendments in Clause 12.4.1 of Regulations 2019 for PG degree programmes	Implemented
3.	Verticals for awarding Honours, Honours with specialization and Minor degree under Regulation 2019 for UG degree programmes	Implemented
4.	The committee members suggested that minimum eligibility to get Honours is 8.5 CGPA.	<ul style="list-style-type: none">▪ As per the Anna University guidelines guidelines, the minimum eligibility criteria for a candidate to register for B.E./B.Tech. (Honours) with specialization / B.E./B.Tech. (Honours) is a pass in all the courses in first attempt with the CGPA of 7.5 upto 3rd semester.▪ The student should earn additional 18 credits other than that specified in the programme of study and pass all the subjects in first attempt with<ul style="list-style-type: none">✓ 8.5 CGPA for the award of degree - B.E. (Honours) first class with Distinction(or)✓ 7.5 CGPA for the award of degree B.E. (Honours) first class.
5.	For Industry Practice, feedback / confidential report shall be received from industry mentor	Feedback received from Industry mentor
6.	For Mechanical Engineering, <ul style="list-style-type: none">• The Syllabus of professional elective courses for UG / PG degree programme to be offered under R-2019	Incorporated in the curriculum

S. No.	Action Initiated	Action Taken
7.	For ECE, <ul style="list-style-type: none"> • The syllabus of new elective courses and One Credit Courses for UG degree programme under R-2019 • Cyber Security verticals, various tools may be used to detect threats. 	Implemented
8.	For CSE, <ul style="list-style-type: none"> • The syllabus of new Elective Courses for UG / PG degree programme under R-2019 • Computational Programming verticals renamed as Industry 4.0. 	Incorporated in the curriculum
9.	For EEE, <ul style="list-style-type: none"> • The syllabus of programme elective courses, one credit Courses for UG degree programme under R-2019 • Electric Vehicle Technology verticals, two more electives may be added. 	Incorporated in the curriculum
10.	For Civil, <ul style="list-style-type: none"> • The syllabus of new elective courses for UG degree programme under R-2019 	Incorporated in the curriculum
11.	For IT, <ul style="list-style-type: none"> • Refinement of Second Semester Courses for B.Tech AI & DS for UG degree programme to be offered under R-2019 • Data Science verticals, R-Programming Courses shall be included. 	Incorporated in the curriculum
12.	PG degree programme, Project work / Industry Practice shall be adopted.	Implemented


 CHAIRMAN
 ACADEMIC COUNCIL